Ham-Homebrew Digest   Sun, 29 May 94   Volume 94 : Issue 144

Today's Topics:
                          Heathkit Model HW-7
        Is there a cheap A/D package with serial ASCII output?
                              SSB Filters

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 28 May 1994 16:42:07 +0000
From: ihnp4.ucsd.edu!swrinde!pipex!demon!stevef.demon.co.uk!
Stephen@network.ucsd.edu
Subject: Heathkit Model HW-7
To: ham-homebrew@ucsd.edu

I recently sat the UK Radio Amateurs Exam and have bought a Heathkit HW-7 to
get on the air with. Unfortunately it came without manuals.

Also I have heard that there is a publication called
the "Hot Water" book with details of modifications ect.

Can anyone out there help me with these, or any other details of the HW-7?

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Steve Farthing | stephen@stevef.demon.co.uk |
Meklsham   "Life can only be understood backwards; but it must be lived
Wiltshire UK   forwards" Soren Kierkegaard 1813-1855

Date: 27 May 1994 16:43:31 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!zip.eecs.umich.edu!
yeshua.marcam.com!news.kei.com!ssd.intel.com!chnews!cmoore@network.ucsd.edu
Subject: Is there a cheap A/D package with serial ASCII output?
To: ham-homebrew@ucsd.edu

John Ackermann (jra@lawdept.daytonOH.ncr.com) wrote:

: I'd like to sample once per second and store the data in an ascii file on a
: computer. I have plenty of spare serial ports, but no slots available to
: add a pc bus D/A board. John Ackermann   AG9V

Hi John, for such a simple application as this, I would use a printer port,
an external D/A and comparator. Drive an 8-bit D/A (Plessey ZN426) from
the printer port, use an LM339 to compare the D/A output to your voltage
(your current through a precision resistor) and read the LM339 output with
an input bit on your printer port. You now have a successive approximation
A/D converter. For one sample per second, you probably can't beat it. A
BASIC program can easily perform the software function.

Or you could use an Intel 80C196KB to do the A/D conversion and send it to
an RS232 port on your PC. (I'm in the 'C196 group)

73, KG7BK, CecilMoore@delphi.com (I do not speak for Intel)

Date: 28 May 94 22:39:40 GMT
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!qualcomm.com!maui!williams@ucbvax.berkeley.edu
Subject: SSB Filters
To: ham-homebrew@ucsd.edu

>> Does someone have any clue regarding a possible US source for these ?
>> What I'd like to find out is a 10.7003 to 10.703 Xtal Filter, with at least
>> 60 dB at 10.6997 MHz. But a 9 MHz look-alike filter (or any IF) would
>> fit also.

9 MHz crystal filters "for the experimenter" are available from:

  International Radio and Computer, Inc.
  3804 South U.S. #1
  Fort Pierce, FL 34982

Phone (407) 489-0956, Fax (407) 464-6386.

They cost $75 each. Five models for SSB range from 1800 Hz to 2400
Hz, with shape factors of 1.6 or 1.8. They also have models for CW,

AM, and FM. This company also makes filters designed for Icom,
Kenwood, Yaesu, Heath, Drake, and Collins radios.

I have no affiliation with them, I just happen to have their latest
catalog handy since I was looking into accessory filters for my rig.

73 -Paul
kb5mu@amsat.org

Date: Wed, 25 May 1994 22:19:22 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!wupost!csus.edu!netcom.com!
netcomsv!axil!anis@network.ucsd.edu
To: ham-homebrew@ucsd.edu

References <2r5bqb$36u@mary.iia.org>, <15MAY199416212173@siva.bris.ac.uk>,
<R0zt9Rb.gbenjamin@delphi.com>sv
Subject : IC-Master 1994 (Re: What are these chips?)

Just wanted to mension that I have a set of 1994 , just published IC Master
which is compilation of all IC's and their sources and am willing to part
with it for $150 including postage. If you order it today it would cost
you around $200.If interested just drop me a line , I can swap it for
a good SW portable radio as well.

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End of Ham-Homebrew Digest V94 #144
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